oviding and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed)mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration cluding curing for 14 days including cost of all materials, labour, HOM curing, form works, affolding and centering complete as per specifications.

or RCC drain						
funeshwara Nagara						
rd cross from 1st main road						
LHS	1	30.00	1.10	0.15	4.95	
	1	30.00	1.10	0.15	4.95	
	1	30.00	1.10	0.15	4.95	
	1	30.00	1.10	0.15	4.95	
	1	16.20	1.10	0.15	2.67	
	1	30.00	1.10	0.15	4.95	
	1	30.00	1.10	0.15	4.95	
	1	12.90	1.10	0.15	2.13	
LHS					34.5	
	1	30.00	1.10	0.15	4.95	
	1	30.00	1.10	0.15	4.95	
		30.00	1.10	0.15	4.95	
	1	30.00	1.10	0.15	4.95	
	1	15.80	1.10	0.15	2.61	
	1	30.00	1.10	0.15	4.95	
	1	7.20	1.10	0.15	1.19	
	1	30.00	1.10	0.15	4.95	
	1	1.60	1.10	0.15	0.26	
1st main road from 1st-4th cross					33.76	
RHS	1	27.00	1.10	0.15	4.46	
	1	30.00	1.10	0.15	4.95	
	1	21.00	1.10	0.15	3.47	
Cross road from 1st-4th cross					12.88	
RHS	1	28.00	1.10	0.15	4.62	
	1	29.00	1.10	0.15	4.79	
	1	18.30	1.05	0.15	2.88	
LHS					12.29	
	1	28.00	1.10	0.15	4.62	
	1	29.00	1.10	0.15	4.79	
	1	18.30	1.00	0.15	2.75	
Near 3rd cross road						
	1	30.00	1.00	0.15	4.50	
For RCC Culvert					16.66	
Culvert at 1st cross	1	6.70	1.70	0.15	1.71	
Culvert at 2nd cross	1	7.70	1.70	0.15	1.96	
Culvert at 3rd cross	1	7.00	1.70	0.15	1.79	
Culvert at 4th cross	1	6.00	1.70	0.15	1.53	
Culvert at 3rd Main road	1	6.00	1.70	0.15	1.53	
				Present Qty	**118.58**	**Cum**

Assistant Engineer
Ward No.05
20/4/20

Asst. Executive Engineer
Byatarayanapura Sub division
11/5/2020

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Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.

Muneshwara Nagara						
3rd cross						
RHS						
Total Drain length=120.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=960 No's	960	2.30		0.62	1368.96	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	120.00		0.62	1488.00	
Total Drain length=16.20Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=130 No's	130	2.30		0.62	185.38	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	16.20		0.62	200.88	
Total Drain length=60.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=480 No's	480	2.30		0.62	684.48	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	60.00		0.62	744.00	
Total Drain length=12.90Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=140 No's	104	2.30		0.62	148.30	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	12.90		0.62	159.96	
LHS						
Total Drain length=120.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=960 No's	960	2.30		0.62	1368.96	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	120.00		0.62	1488.00	
Total Drain length=15.80Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=127 No's	127	2.30		0.62	181.10	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	15.80		0.62	195.92	
Total Drain length=37.20Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						

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No of U-bar=298 No's	298	2.30		0.62	424.95	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	37.20		0.62	461.28	
Total Drain length=31.60Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=253 No's	253	2.30		0.62	360.78	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	31.60		0.62	391.84	
1st main road						
RHS						
Total Drain length=27.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=216 No's	216	2.30		0.62	308.02	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	27.00		0.62	334.80	
Total Drain length=30.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=240 No's	240	2.30		0.62	342.24	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	30.00		0.62	372.00	
Total Drain length=21.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=168 No's	168	2.30		0.62	239.57	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	21.00		0.62	260.40	
Cross road from 1st-4th cross						
RHS						
Total Drain length=28.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=224 No's	224	2.30		0.62	319.42	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	28.00		0.62	347.20	
Total Drain length=29.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=232 No's	232	2.30		0.62	330.83	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	29.00		0.62	359.60	
Total Drain length=18.30Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=147 No's	147	2.30		0.62	209.62	
Distribution bar 10mm dia @ 125mm c/c						

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0.61kg/mtr	20	18.30		0.62	226.92	
LHS						
Total Drain length=28.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=224 No's	224	2.30		0.62	319.42	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	28.00		0.62	347.20	
Total Drain length=29.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=232 No's	232	2.30		0.62	330.83	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	29.00		0.62	359.60	
Total Drain length=18.30Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=147 No's	147	2.30		0.62	209.62	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	18.30		0.62	226.92	
Near 3rd cross road						
RHS						
Total Drain length=30.00Mtr						
Main bar 10mm dia bar @ 125mm c/c						
0.61kg/mtr						
No of U-bar=200 No's	200	2.20		0.62	272.80	
Distribution bar 10mm dia @ 125mm c/c						
0.61kg/mtr	20	30.00		0.62	372.00	
For RCC Culvert						
Culvert at 1st cross						
Total Drain length=6.70m						
Main bar 12mm dia bar @ 150mm c/c						
0.89kg/mtr						
Top	41	2.80		0.89	102.17	
Bottom	41	2.80		0.89	102.17	
Distribution bar						
Distribution bar 10mm dia @ 150mm c/c						
0.61kg/mtr Top	19	6.70		0.62	77.54	
Bottom	19	6.70		0.62	77.54	
Culvert at 2nd cross						
Total Drain length=7.70m						
Main bar 12mm dia bar @ 150mm c/c						
0.89kg/mtr						
Top	49	2.80		0.89	122.11	
Bottom	49	2.80		0.89	122.11	
Distribution bar						
Distribution bar 10mm dia @ 150mm c/c						
0.61kg/mtr Top	19	7.70		0.62	89.11	
Bottom	19	7.70		0.62	89.11	
Culvert at 3rd cross						
Total Drain length=7.00m						

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Main bar 12mm dia bar @ 150mm c/c							
0.89kg/mtr							
	Top	42	2.80		0.89	104.66	
	Bottom	42	2.80		0.89	104.66	
Distribution bar							
Distribution bar 10mm dia @ 150mm c/c							
0.61kg/mtr	Top	19	7.00		0.62	81.01	
	Bottom	19	7.00		0.62	81.01	
Culvert at 4th cross							
Total Drain length=6.00m							
Main bar 12mm dia bar @ 150mm c/c							
0.89kg/mtr							
	Top	40	2.80		0.89	99.68	
	Bottom	40	2.80		0.89	99.68	
Distribution bar							
Distribution bar 10mm dia @ 150mm c/c							
0.61kg/mtr	Top	19	6.00		0.62	69.44	
	Bottom	19	6.00		0.62	69.44	
Culvert at 3rd Main road							
Total Drain length=6.00m							
Main bar 12mm dia bar @ 150mm c/c							
0.89kg/mtr							
	Top	40	2.80		0.89	99.68	
	Bottom	40	2.80		0.89	99.68	
Distribution bar							
Distribution bar 10mm dia @ 150mm c/c							
0.61kg/mtr	Top	19	6.00		0.62	69.44	
	Bottom	19	6.00		0.62	69.44	10477.82
					Present Qty	17771.52	Kg
					Present Qty	17.77	Tonne

30/5/2020

Assistant Engineer
Ward No.05

30/5/2020

Asst. Executive Engineer
Byrathanahalli Sub division

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